

**From:** [Thomas, Mark J.](#)  
**To:** [Smalley, Bryant](#)  
**Subject:** RE: Airborne this morning?  
**Date:** Friday, September 1, 2017 5:41:15 AM

---

Bryant,

Sorry for my delay. The aircraft is in the air. Got off just at 0530. Worked on the system until 0100 and hope is works.

Mark Thomas, PhD  
ASPECT Program Manager  
Field Operations Branch  
CBRN Consequence Management Advisory Division  
EPA Office of Emergency Management  
11201 Renner Blvd  
Lenexa, KS 66219

Office: 913-551-5018  
Cell: 513-675-4753

---

**From:** Smalley, Bryant  
**Sent:** Friday, September 01, 2017 5:03 AM  
**To:** Thomas, Mark J. <[Thomas.Markj@epa.gov](mailto:Thomas.Markj@epa.gov)>  
**Subject:** Airborne this morning?

Hope all is well.

Bryant

Sent from my iPhone

On Aug 31, 2017, at 10:34 PM, Bernier, Roberto <[bernier.roberto@epa.gov](mailto:bernier.roberto@epa.gov)> wrote:

Apparently they're starting to hear popping sounds like it happened on the first one so they're guessing 0300

Sent from my iPhone

On Aug 31, 2017, at 8:23 PM, Smalley, Bryant <[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)> wrote:

Any changes at the site?

Bryant

Sent from my iPhone

On Aug 31, 2017, at 8:22 PM, Bernier, Roberto  
<[bernier.roberto@epa.gov](mailto:bernier.roberto@epa.gov)> wrote:

Yep

Sent from my iPhone

On Aug 31, 2017, at 8:20 PM, Smalley, Bryant  
<[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)> wrote:

Did you get this yet?

Bryant

Sent from my iPhone

Begin forwarded message:

**From:** "Cardarelli, John"  
<[Cardarelli.John@epa.gov](mailto:Cardarelli.John@epa.gov)>  
**To:** "Thomas, Mark J."  
<[Thomas.Markj@epa.gov](mailto:Thomas.Markj@epa.gov)>,  
"Martin, John"  
<[martin.john@epa.gov](mailto:martin.john@epa.gov)>,  
"Beorn Leger"  
<[beornleger@airborneaspect.com](mailto:beornleger@airborneaspect.com)>,  
"Rhotenberry, William"  
<[Rhotenberry.William@epa.gov](mailto:Rhotenberry.William@epa.gov)>,  
"Kudarauskas, Paul"  
<[Kudarauskas.Paul@epa.gov](mailto:Kudarauskas.Paul@epa.gov)>,  
"Curry, Tim"  
<[Curry.Timothy@epa.gov](mailto:Curry.Timothy@epa.gov)>,  
"Kroutil, Robert"  
<[robert.kroutil@kalmancoinc.com](mailto:robert.kroutil@kalmancoinc.com)>,  
"Delgado, Eric"  
<[Delgado.Eric@epa.gov](mailto:Delgado.Eric@epa.gov)>,  
"R6HarveyENVL"  
<[R6HarveyENVL@epa.gov](mailto:R6HarveyENVL@epa.gov)>,  
"Leonova, Larisa"  
<[leonova.larisa@epa.gov](mailto:leonova.larisa@epa.gov)>,  
"Rauscher, Jon"  
<[Rauscher.Jon@epa.gov](mailto:Rauscher.Jon@epa.gov)>,  
"Janine.Latham@WestonSolutions.com"  
<[Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com)>,  
"Smalley, Bryant"  
<[smalley.bryant@epa.gov](mailto:smalley.bryant@epa.gov)>,  
"Cardarelli, John"  
<[Cardarelli.John@epa.gov](mailto:Cardarelli.John@epa.gov)>  
**Cc:** "Sam Fritcher"  
<[samfritcher@airborneaspect.com](mailto:samfritcher@airborneaspect.com)>,

"Jeff Stapleton"  
<[jeff.stapleton@kalmancoinc.com](mailto:jeff.stapleton@kalmancoinc.com)>

**Subject: Re: 31 Aug 2017 --  
ASPECT update 16 -- 1720**

Attached is the latest version  
of the ASPECT "living"  
summary report. It will be the  
final report for today.

Key additions include (1)  
infrared images, (2) additional  
spectra for benzoyl  
peroxide, (3) new/updated  
operational challenges, (4)  
current ASPECT team and  
aircrew members.

Please send any questions or  
comments on the report to John  
Cardarelli.

Please address all questions  
about ASPECT activities  
to Mark Thomas.

John Cardarelli II

CAPT Public Health Service

Health Physicist

Environmental Protection  
Agency

CBRN Consequence  
Management Advisory Division

4900 Olympic Blvd

Erlanger, KY 41018

859-594-6529 w

513-675-4745 c

---

**From:** Thomas, Mark J.

**Sent:** Thursday, August 31, 2017  
4:58 PM

**To:** Thomas, Mark J.; Martin,  
John; Beorn Leger; Rhotenberry,  
William; Kudarauskas, Paul; Curry,  
Tim; Kroutil, Robert; Delgado, Eric;  
R6HarveyENVL; Leonova, Larisa;  
Rauscher, Jon;  
[Janine.Latham@WestonSolutions.com](mailto:Janine.Latham@WestonSolutions.com);  
Smalley, Bryant; Cardarelli, John  
**Subject:** 31 Aug 2017 -- ASPECT  
update 15 -- 1555

Refueling ops have been  
completed. The crew was able to  
push a large amount of data up to  
the server. We are working the  
data at this time. We are  
returning to the Arkema site  
ASAP.

The team is just about to start full  
resolution processing of the most  
recent data. I will send out  
products as soon as possible.

Mark Thomas, PhD  
ASPECT Program Manager  
Field Operations Branch  
CBRN Consequence Management  
Advisory Division  
EPA Office of Emergency  
Management  
11201 Renner Blvd  
Lenexa, KS 66219

Office: 913-551-5018  
Cell: 513-675-4753

<Preliminary Report for ASPECT Hurricane  
Harvey v3.pdf>